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WHAT IS CLAIMED IS:

1. A power saving method in an appliance, comprising:
inputting power management data into a user set up menu on a display
associated with the appliance;
outputting a control command to a micro-controller in accordance with the
5 power management data; and
executing the power control command of the micro-controller, wherein the
execution includes disconnecting battery power from a selected one of a plurality of
devices in the appliance.

2. The power saving method of claim 1, wherein the inputting power
management data comprises:
measuring remaining capacity of a battery and frequency of use of the
devices in the appliance;
5 displaying the user set-up menu when the remaining capacity of the battery
is smaller than a prescribed limit; and
selecting devices on the user set-up menu to be disconnected from the
battery power.

3. The power saving method of claim 2, wherein the user set-up menu comprises an item for selecting at least one device to be disconnected from the battery power.

4. The power saving method of claim 2, wherein the power management data includes user selected specific devices to be disabled when remaining battery capacity is less than a prescribed limit.

5. A power saving method in a portable appliance, comprising:
checking respective devices in the portable appliance;
displaying checked information for at least one of the respective devices in a user set-up menu on a screen when a remaining capacity of a battery is smaller than a first reference value set up previously by a user;
outputting a control command to a micro-controller in accordance with power saving data input by a user on the user set-up menu; and
executing a power saving program in accordance with the control command of the micro-controller.

6. The power saving method of claim 5, wherein the checking the respective devices in the portable appliance comprises checking the remaining capacity of the

battery, a status of respective devices installed in the portable appliance, and a frequency of use of the respective devices.

7. The power saving method of claim 6, wherein the frequency of use of the respective devices is measured by the number of times the respective devices are used.

8. The power saving method of claim 7, wherein the frequency of use of the respective devices is measured from a moment that a power of the portable appliance becomes turned on.

9. The power saving method of claim 7, wherein the frequency of use of the respective devices is determined by accumulating measured values for each use of the portable appliance.

10. The power saving method of claim 5, wherein the user set-up menu comprises an item for selecting at least one device to be disconnected from the battery power.

11. The power saving method of claim 5, wherein the user set-up menu comprises an item for establishing a clock throttling rate of a CPU or a brightness of a LCD in the portable appliance.

12. The power saving method of claim 5, wherein the user set-up menu comprises:

an item for selecting a respective device installed in the portable appliance for which power will be turned off;

an item for selecting a clock throttling rate of CPU and a brightness of LCD;

and

an item for selecting a predetermined battery level, below which the power saving program is executed.

13. The power saving method of claim 5, wherein the user set-up menu is displayed as a pop-up window.

14. The power saving method of claim 5, comprising:

re-checking respective devices in the portable appliance; and

re-displaying the user set-up menu on the screen when the remaining capacity of the battery is smaller than a second lower reference value set up previously by the user.

15. A power saving apparatus in an appliance, comprising:

a DC power supply output unit that outputs a DC voltage of a predetermined level by converting an AC power supply or by converting a battery voltage;

5 a main DC/DC converter that supplies a plurality of operating voltages to a corresponding plurality of devices by converting the DC voltage;

a micro-controller that receives user entered power management data; and

10 a plurality of power switches controlled by a micro-controller that selectively disconnect each of the plurality of devices to carry out a power saving function.

16. The power saving apparatus of claim 15, comprising:

a CPU DC/DC converter that supplies a CPU voltage to a CPU by converting the DC voltage outputted from the DC power supply output unit; and

an LCD inverter that supplies a LCD with a driving voltage by converting

5 the DC voltage, wherein the CPU voltage and the driving voltage are each adjusted according to a user's selections in order to carry out the power saving function.

17. The power saving apparatus of claim 16, further comprising a clock generator supplying the CPU with clocks, wherein the clocks supplied to the CPU are adjustable by a selection of the user.

18. The power saving apparatus of claim 15, wherein each of the plurality of power switches is one of a transistor, a thyristor, an insulated gate bipolar transistor, or a gate turn-off-thyristor.